

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICATION NO.: 09/024,278

ATTY. DOCKET NO.: P0813.70013US01

FILING DATE: February 17, 1998

CONFIRMATION NO.: 8139

APPLICANT: Frederick S. M. Herz et al.

GROUP ART UNIT: 2424

EXAMINER: Son P. Huynk

Sheet 1 of 14

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	A1	4,170,782		MILLER	10-09-1979
	A2	4,264,924		FREEMAN	09-28-1981
	A3	4,381,522		LAMBERT	04-26-1983
	A4	4,386,416		GILTNER et al.	05-31-1983
	A5	4,464,650		EASTMAN et al.	08-07-1984
	A6	4,506,387		WALTER	03-19-1985
	A7	4,521,806		ABRAHAM	06-04-1985
	A8	4,529,870		CHAUM	07-16-1985
	A9	4,558,302		WELCH	12-10-1985
	A10	4,567,512		ABRAHAM	01-28-1986
	A11	4,590,516		ABRAHAM	05-20-1986
	A12	4,654,815		MARIN et al.	03-31-1987
	A13	4,672,679		FREEMAN	06-09-1987
	A14	4,694,490		HARVEY et al.	09-15-1987
	A15	4,701,745		WATERWORTH	10-20-1987
	A16	4,704,725		HARVEY et al.	11-03-1987
	A17	4,706,080		SINCOSKIE	11-10-1987
	A18	4,706,121		YOUNG	11-10-1987
	A19	4,745,549		HASHIMOTO	05-17-1988
	A20	4,751,578		REITER et al.	06-14-1988
	A21	4,759,063		CHAUM	07-19-1988
	A22	4,761,684		CLARK et al.	08-02-1988
	A23	4,763,191		GORDON et al.	08-09-1988
	A24	4,814,746		MILLER et al.	03-21-1989
	A25	4,831,526		LUCHS et al.	05-16-1989
	A26	4,847,619		KATO et al.	07-11-1989
	A27	4,870,579		HEY	09-26-1989
	A28	4,876,541		STORER	10-24-1989
	A29	4,881,075		WENG	11-14-1989
	A30	4,885,757		PROVENCE	12-05-1989
	A31	4,906,991		FIALA et al.	03-06-1990
	A32	4,914,698		CHAUM	04-03-1990
	A33	4,926,480		CHAUM	05-15-1990
	A34	4,947,430		CHAUM	08-07-1990
	A35	4,965,825		HARVEY et al.	10-23-1990
	A36	4,977,455		YOUNG	12-11-1990
	A37	4,979,118		KHERADPIR	12-18-1990

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	2	of	14				

	A38	4,987,593		CHAUM	01-22-1991
	A39	4,988,998		O'BRIEN	01-29-1991
	A40	4,996,642		HEY	02-26-1991
	A41	5,001,478		NAGY	03-19-1991
	A42	5,003,307		WHITING et al.	03-26-1991
	A43	5,003,591		KAUFFMAN et al.	03-26-1991
	A44	5,016,009		WHITING et al.	05-14-1991
	A45	5,023,610		RUBOW et al.	06-11-1991
	A46	5,038,211		HALLENBECK	08-06-1991
	A47	5,047,867		STRUBBE et al	09-10-1991
	A48	5,049,881		GIBSON et al.	09-17-1991
	A49	5,058,137		SHAH	10-15-1991
	A50	5,075,771		HASHIMOTO	12-24-1991
	A51	5,087,913		EASTMAN	02-11-1992
	A52	5,109,414		HARVEY et al.	04-28-1992
	A53	5,126,739		WHITING et al.	06-30-1992
	A54	5,131,039		CHAUM	07-14-1992
	A55	5,136,501		SILVERMAN et al.	08-04-1992
	A56	5,140,321		JUNG	08-18-1992
	A57	5,144,663		KUDELSKI et al	09-01-1992
	A58	5,151,789		YOUNG	09-29-1992
	A59	5,153,591		CLARK	10-06-1992
	A60	5,155,484		CHAMBERS, IV	10-13-1992
	A61	5,155,591		WACHOB	10-13-1992
	A62	5,179,378		RANGANATHAN et al.	01-12-1993
	A63	5,201,010		DEATON et al.	04-06-1993
	A64	5,208,877		MURPHY et al.	05-04-1993
	A65	5,223,924		STRUBBE	06-29-1993
	A66	5,230,020		HARDY et al.	07-20-1993
	A67	5,233,654		HARVEY et al.	08-03-1993
	A68	5,237,157		KAPLAN	08-17-1993
	A69	5,243,341		SEROUSSI et al.	09-07-1993
	A70	5,245,420		HARNEY et al.	09-14-1993
	A71	5,245,656		LOEB et al	09-14-1993
	A72	5,262,776		KUTKA	11-16-1993
	A73	5,276,736		CHAUM	01-04-1994
	A74	5,301,109		LANDAUER et al	04-05-1994
	A75	5,309,437		PERLMAN et al.	04-03-1994
	A76	5,321,833		CHANG et al	06-14-1994
	A77	5,323,240		AMANO et al.	06-21-1994
	A78	5,331,554		GRAHAM	07-19-1994

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICATION NO.: 09/024,278

ATTY. DOCKET NO.: P0813.70013US01

FILING DATE: February 17, 1998

CONFIRMATION NO.: 8139

APPLICANT: Frederick S. M. Herz et al.

GROUP ART UNIT: 2424

EXAMINER: Son P. Huynk

Sheet 3 of 14

A79	5,331,556	BLACK Jr. et al	07-19-1994
A80	5,341,427	HARDY et al.	08-23-1994
A81	5,351,075	HERZ et al	09-27-2004
A82	5,353,121	YOUNG et al.	10-04-1994
A83	5,371,794	DIFFIE et al.	12-06-1994
A84	5,373,290	LEMPEL et al.	12-13-1994
A85	5,373,558	CHAUM	12-13-1994
A86	5,410,344	GRAVES et al.	04-25-1995
A87	5,420,806	SHAN et al.	05-30-1995
A88	5,420,807	SHAN et al.	05-30-1995
A89	5,428,778	BROOKES	06-27-1995
A90	5,430,729	RAHNEMA	07-04-1995
A91	5,444,499	SAITOH	08-22-1995
A92	5,446,891	KAPLAN et al	08-29-1995
A93	5,446,919	WILKINS	08-29-1995
A94	5,455,576	CLARK, II et al.	10-03-1995
A95	5,455,862	HOSKINSON	10-03-1995
A96	5,459,306	STEIN ET AL	10-17-1995
A97	5,469,206	STRUBBE et al	11-21-1995
A98	5,477,541	WHITE et al.	12-19-1995
A99	5,483,278	STRUBBE et al.	01-09-1996
A100	5,485,526	TOBIN	01-16-1996
A101	5,490,140	ABSENSOUR et al.	02-06-1996
A102	5,519,858	WALTON et al.	05-21-1996
A103	5,532,920	HARTRICK et al.	07-02-1996
A104	5,534,911	LEVITAN	07-09-1996
A105	5,537,315	MITCHAM	07-16-1996
A106	5,537,586	AMRAM et al	07-16-1996
A107	5,539,734	BURWELL et al.	07-23-1996
A108	5,541,638	STORY	07-30-1996
A109	5,541,911	NILAKANTAN et al.	07-30-1996
A110	5,546,370	ISHIKAWA	08-13-1996
A111	5,559,549	HENDRICKS et al	09-24-1996
A112	5,561,421	SMITH et al.	10-01-1996
A113	5,565,809	SHOU et al.	10-15-1996
A114	5,583,763	ATCHESON et al.	12-10-1996
A115	5,696,965	DEDRICK	12-9-1997
A116	5,600,798	CHERUKURI et al.	02-04-1997
A117	5,613,209	PETERSON et al.	03-18-1997
A118	5,614,940	COBBLEY et al.	10-21-1994
A119	5,617,565	AUGENBRAUN et al.	04-01-1997

<b>FORM PTO-1449/A and B (modified PTO/SB/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	4	of	14				

	A120	5,638,457		DEATON	06-10-1997
	A121	5,638,543		PEDERSEN et al.	06-1997
	A122	5,642,485		DEATON et al	06-24-1997
	A123	5,644,723		DEATON et al	07-01-1997
	A124	5,649,114		DEATON et al	07-15-1997
	A125	5,649,186		FERGUSON	07-15-1997
	A126	5,659,469		DEATON et al	08-19-1997
	A127	5,675,662		DEATON et al	10-07-1997
	A128	5,680,116		HASHIMOTO et al.	10-21-1997
	A129	5,687,322		DEATON et al	11-11-1997
	A130	5,689,648		DIAZ et al.	11-18-1997
	A131	5,689,716		CHEN	11-1997
	A132	5,708,825		SOTOMAYOR	01-1998
	A133	5,710,884		DEDRICK	01-20-1998
	A134	5,710,887		HELLIAH et al.	01-20-1998
	A135	5,717,923		DEDRICK	02-10-1998
	A136	5,724,521		DEDRICK	03-03-1998
	A137	5,724,567		ROSE et al	03-03-1998
	A138	5,724,567		ROSE et al	03-03-1998
	A139	5,734,719		TSEVDOS et al	03-31-1998
	A140	5,734,720		SALGANICOFF	03-31-1998
	A141	5,740,549		REILLY et al	04-14-1998
	A142	5,754,938		HERZ et al	05-19-1998
	A143	5,754,939		HERZ et al	05-19-1998
	A144	5,758,257		HERZ et al	05-26-1998
	A145	5,761,662		DASAN	06-02-1998
	A146	5,768,521		DEDRICK	06-16-1998
	A147	5,875,108		Hoffberg et al.	02-23-1999
	A148	5,802,054		BELLENGER	09-01-1998
	A149	5,805,156		RICHMOND et al.	09-08-1998
	A150	5,809,478		GRECO et al.	09-15-1998
	A151	5,812,776		GIFFORD	09-22-1998
	A152	5,835,087		HERZ ET AL	11-10-1998
	A153	5,835,710		NAGAMI et al.	11-10-1998
	A154	5,848,396		GERACE	12-08-1998
	A155	5,856,981		VOELKER	01-05-1999
	A156	5,870,770		WOLFE	02-1999
	A157	5,873,066		UNDERWOOD et al.	02-16-1999
	A158	5,884,270		WALKER et al.	03-16-1999
	A159	5,892,924		LYON et al.	04-06-1999
	A160	5,903,559		ACHARYA et al.	05-11-1999

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	5	of	14				

	A161	5,903,867		WATARI et al.	05-1999
	A162	5,933,811		ANGLES et al.	08-03-1999
	A163	5,945,988		WILLIAMS et al.	08-31-1999
	A164	5,960,411		HARTMAN et al.	09-28-1999
	A165	5,961,593		GABBER et al.	10-05-1999
	A166	5,991,735		GERACE	11-23-1999
	A167	5,991,740		MESSER	11-23-1999
	A168	6,014,090		ROSEN et al.	01-11-2000
	A169	6,020,883		HERZ et al.	02-01-2000
	A170	6,029,141		BEZOS et al.	02-22-2000
	A171	6,029,195		HERZ	02-22-2000
	A172	6,047,327		TSO et al.	04-04-2000
	A173	6,052,064		BUDNIK et al.	04-18-2000
	A174	6,052,718		GIFFORD	04-18-2000
	A175	6,055,513		KATZ et al.	04-25-2000
	A176	6,058,379		ODOM et al	05-02-2000
	A177	6,064,970		McMILLAN et al.	05-16-2000
	A178	6,064,980		JACOBI et al	05-16-2000
	A179	6,088,722		HERZ et al	07-11-2000
	A180	6,134,658		MULTERER et al.	10-17-2000
	A181	6,154,745		KARI et al.	11-28-2000
	A182	6,199,045		GINIGER et al	03-06-2001
	A183	6,243,467		REITER et al.	06-05-2001
	A184	6,256,675		RABINOVICH	07-03-2001
	A185	6,275,824		O'FLAHERT et al.	08-14-2001
	A186	6,285,989		SHOHAM	09-2001
	A187	6,377,972		GUO et al.	04-23-2002
	A188	6,381,465		CHERN et al.	04-30-2002
	A189	6,397,040		TIMUSS et al.	05-28-2002
	A190	6,456,852		BAR et al.	09-24-2002
	A191	6,460,036		HERZ	10-01-2002
	A192	6,553,376		LEWIS et al.	04-22-2003
	A193	6,563,910		MENARD et al.	05-13-2003
	A194	6,571,279		HERZ et al.	05-27-2003
	A195	6,591,103		DUNN et al.	07-08-2003
	A196	6,697,824		BOWMAN-AMUAH	02-24-2004
	A197	6,708,213		BOMMAIAH et al.	03-16-2004
	A198	6,793,899		BROMBERG et al.	09-21-2004
	A199	7,242,988		HOFFBERG et al.	07-10-2007
	A200	7,483,871		HERZ	01-27-2009
	A201	7,630,986		HERZ et al.	12-08-2009

<b>FORM PTO-1449/A and B (modified PTO/SB/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	6	of	14				

	A202	2001-0014868 A1		HERZ et al.	08-16-2001
	A203	2003-0005074 A1		HERZ et al.	01-02-2003
	A204	2003-0101124 A1		SEMRET et al.	05-29-2003
	A205	2006-0069749 A1		HERZ et al.	03-30-2006
	A206	2006-0150216 A1		HERZ et al.	07-06-2006
	A207	2006-0161952 A1		HERZ et al.	07-20-2006
	A208	2008-0270579 A1		HERZ	10-30-2008
	A209	2008-0294584 A1		HERZ	11-27-2008
	A210	2009-0234878 A1		HERZ et al.	09-17-2009
	A211	2009-0254971 A1		HERZ et al.	10-08-2009

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y-N)
		Office-Country	Number	Kind Code			
	B1	EP	0 669 760	A2	GRUNIG E.M.V.	08-30-1995	Yes
	B2	EP	0 682 452	A2	Microsoft Corporation	11-15-1995	
	B3	WO	86/06050	A1	Odetics, Inc.	10-23-1986	

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and-or country where published.	Translation (Y-N)	
	C1	"Economic Majority Logic IC Realized by CMOS", Nikkei Electronics, Nov. 5, 1973, pp. 132-144.		N
	C2	Abdeddaim, M. N., "Fingerhut's 30-day wonder plan; Fingerhut Companies Inc. offers 30-day free trial of its floor care products," <i>HFD-The Weekly Home Furnishings Newspaper</i> , Oct. 4, 1993, p. 155, Vol. 67, No. 40.		
	C3	Allen, R. B., "User models: theory, method, and practice," <i>Int. J. Man-Machine Studies</i> , May 1990, pp. 511-543, Vol. 32, No. 5.		
	C4	Anklesaria, F., McCahill, M., Lindner, P., Johnson, D., Torrey, D., and Alberti, B., "The Internet Gopher Protocol," University of Minnesota, Network Working Group, Request for Comments: 1436, March 1993, pp. 1-16.		
	C5	Asakura, T., Yoshida, K., and Tarumi, H., "Internet Information Filter Based on Personal Interest," <i>NEC Technical Report NEC</i> , Japan, Kabushikigaisha NEC Creative, July 30, 1996, pp. 17-23, Vol. 49, No. 7.	Abstract only	
	C6	Belkin, N. J. and Croft, W. B., "Information Filtering and Information Retrieval: Two Sides of the Same Coin?", <i>Communications of the ACM</i> , December 1992, pp. 29-38, Vol. 35, No. 12.		
	C7	BELL, T. C. et al., "Adaptive Dictionary Encoders: Ziv-Lempel Coding", <i>Dictionary Techniques</i> , Chapter 8, pp. 214-234.		
	C8	Bell, T. C., "Better OPM-L Text Compression", <i>IEEE Trans. on Comm.</i> , December 1986, pp. 1176-1182, Vol. COM-34, No. 12.		
	C9	Bender, W., Lie, H., Orwant, J., Teodosio, L. and Abramson, N., "Newspace: Mass Media and Personal Computing," <i>USENIX</i> , Summer 1991, Nashville, TN, pp. 329-348.		
	C10	Bentley, J. L., Sleator, D. D., Tarjan, R. E. and Wei, V. K., "A Locally Adaptive Data Compression Scheme", <i>Comm. of the ACM</i> , April 1986, pp. 320-330, Vol. 29, No. 4.		
	C11	Berry, J., Verity, J., Kerwin, K., and DeGeorge, G., "A Potent New Tool for Selling Database Marketing," <i>Business Week</i> , September 5, 1994, pp. 56-62.		

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	7	of	14				

C12	Bessen, J., "A New, Powerful Marketing Tool; Merchandise Advertising Technology," <i>Direct Marketing International</i> , Nov. 1991, p. 30, No. 19.		
C13	Bessen, J., "Riding The Marketing Information Wave," <i>Harvard Business Review</i> , Reprint 93501, Sept.-Oct. 1993, pp. 150-160.		
C14	Binkley, J. and Young, L., "RAMA: An Architecture for Internet Information Filtering," <i>Journal of Intelligent Information Systems: Integrating Artificial Intelligence and Database Technologies</i> , September 1995, pp. 81-99, Vol. 5, No. 2.		
C15	Blattberg, R. C. and Deighton, J., "Interactive Marketing: Exploiting the Age of Addressability," <i>Information Access Company</i> , Sept. 22, 1991, p. 5, Vol. 33, No. 1.		
C16	Blount, A. W., "Display Manager for a Video Processing System," <i>Student Thesis, Massachusetts Institute of Technology</i> , June 1991, 45 pages.		
C17	Bolot, J., Turletti, T. and Wakeman, I., "Scalable Feedback Control for Multicast Video Distribution in the Internet", <i>Computer Communications Review, Proceedings of SIGCOMM 94</i> , October 1994, pp. 58-67, Vol. 24, No. 4.		
C18	Bove, V. M., Jr., "Personalcasting: Interactive Local Augmentation of Television Programming," <i>M.S Thesis, Massachusetts Institute of Technology</i> , Sept. 1985, 46 pages.		
C19	Brewer, R., "URN: A New Way To Think About Usenet," <i>Collaborative Software Development Laboratory, Department of Information and Computer Sciences, University of Hawaii, Honolulu, Hawaii</i> , May 1, 1993, pp. 1-13.		
C20	Brewer, R. S. and Johnson, P. M., "Collaborative Classification and Evaluation of Usenet," <i>Collaborative Software Development Laboratory, Department of Information and Computer Sciences, University of Hawaii, Honolulu, Hawaii</i> , pp. 1-10.		
C21	Brewer, R. S. and Johnson, P. M., "Toward Collaborative Knowledge Management within Large, Dynamically Structured Information Systems," <i>Collaborative Software Development Laboratory, Department of Information and Computer Sciences, University of Hawaii, Honolulu, Hawaii</i> , Nov. 1, 1994, pp. 1-22.		
C22	Bullick, S. and Irven, J., "Broadband Information Services: Concepts and Prototypes," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1982-1989.		
C23	Bussey, H. E., Egido, C., Kaplan, A., Rohall, S. L. and Yuan, R., "Service Architecture, Prototype Description, and Network Implications of a Personalized Information Grazing Service," <i>1990 IEEE</i> , pp. 1046-1053.		
C24	Chalmers, M. and Chitson, P., "Bead: Explorations in Information Visualization," <i>15<sup>th</sup> Ann. Int'l SIGIR '92/Denmark - 6/92</i> , pp. 330-337.		
C25	Chaum, D. and Evertse, J., "A Secure and Privacy-Protecting Protocol for Transmitting Personal Information Between Organizations," pp. 118-167, no date.		
C26	Chaum, D., "Security without Identification: Card Computers to Make Big Brother Obsolete," <i>Communications of the ACM</i> , October 1985, pp. 1030-1044, Vol. 28, No. 10.		
C27	Chaum, D., "Untraceable Electronic Mail, Return Addresses, and Digital Pseudonyms," <i>Communications of the ACM</i> , February, 1981, 11 pages, Vol. 24, No. 2.		
C28	Chaum, D., "Achieving Electronic Privacy," <i>Scientific American</i> , August 1992, pp. 96-101.		
C29	Chen, C. H., Harman, W. M., Jain, S. K., and Karayannopoulos, G. J., "Integrated Services Workbench: A Testbed for ISDN Services," <i>IEEE-IEICE Global Telecommunications Conference 1987, Conference Record Volume 3 of 3</i> , Nov. 15-18, 1987, Tokyo, Japan, pp. 1546-1550.		
C30	Chesnais, P. R., Mucklo, M. J. and Sheena, J. A., "The Fishwrap Personalized News System", <i>IEEE 1995</i> , pp. 275-282.		
C31	Chislenko, A., "New Software to Optimize Message Flow Suggested," Messages from Thread from Alexander Chislenko, Google, 1994.		

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	8	of	14				

	C32	Chislenko, A., "Rating Of Internet News Messages," Messages from Thread from Alexander Chislenko, July 5, 2005, Google.		
	C33	Cutting, D. R., Karger, D. R.; Pedersen, J. O. and Tukey, J. W., "Scatter/Gather: A Cluster-based Approach to Browsing Large Document Collections," <i>15 Ann. Int'l SIGIR '92, ACM</i> , 1992, pp. 318-329.		
	C34	Damashek, M., "Gauging Similarity via N-Grams: Language-Independent Sorting, Categorization, and Retrieval of Text," January 24, 1995, pp. 1-11.		
	C35	Deering, S., Estrin, D., Farinacci, D., Jacobson, V., Liu, C. and Wei, L., "An Architecture for Wide-Area Multicast Routing," <i>Computer Communications Review, Proceedings of SIGCOMM 94</i> , October 1994, pp. 126-135, Vol. 24, No. 4.		
	C36	Denitto, E., "Integrated Marketing Execs Eye Interactive," <i>Advertising Age, News</i> , Nov. 15, 1993, p. 44.		
	C37	Denton, J., "Grocery Stores Offer Electronic Coupons Process Personalizes Rebates," <i>The Daily Oklahoman, Business</i> , Oct. 7, 1993, p. 19.		
	C38	Dienes, K., "Newskit: An Extensible Toolkit for Interactive Electronic News," <i>B.S. Thesis, Massachusetts Institute Of Technology</i> , May 1993, pp. 1-23.		
	C39	Direct Marketing Magazine, "Long Journeys Start With Small Steps; Database Marketing," Sept. 1992, p. 26, Vol. 55, No. 5.		
	C40	Esty, S. A., "Fiber to the Home Activity in the United States of America," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1995-1999.		
	C41	Foltz, P. W., and Dumais, S. T., "Personalized Information Delivery: An Analysis of Information Filtering Methods," <i>Communications of the ACM</i> , December 1992, pp. 51-60, Vol. 35, No. 12.		
	C42	Fujikawa et al., A Study on Keyword Based Information Filtering, 1996		N
*	C43	Fukikawa, E., Kubozono, R., Hosaka, K., and Yamamori, L., D-117, "Basic Examination of Information Filtering Using Keywords," <i>1996 Information of the Institute of Electronics Information and Communication Engineers/System Society Meeting Lecture Symposium, Japan, The Institute of Electronics Information and Communication Engineers</i> , p. 118, August 30, 1996.		
	C44	Goldberg, D., Nichols, D., Oki, B. M. and Terry, D., "Using Collaborative Filtering to Weave an Information Tapestry," <i>Communications of the ACM</i> , Dec. 1992, pp. 61-70, Vol. 35, No. 12.		
	C45	Haas, Z. J. and Paul, S., "Secure Access to Electronic Newspaper," <i>IEEE-ICCC 1994</i> , pp. 805-809.		
	C46	Hill, W., Stead, L., Rosenstein, M. and Furnas, G., "Recommending and Evaluating Choices in a Virtual Community of Use," <i>CHI '95 Proceedings Papers</i> , 11 pages.		
	C47	Hill, W. C. and Hollan, J. D., "Edit Wear and Read Wear," <i>CHI '92</i> , May 3-7, 1992, pp. 3-9.		
	C48	Hill, W. and Hollan, J., "History-Enriched Digital Objects," <i>The Third Conference on Computers, Freedom and Privacy</i> , CFP '93, March 9-12, 1993, pp. 9.17 - 9.20.		
	C49	Huffman, D.A., "A Method for the Construction of Minimum-Redundancy Codes," <i>Proceedings of the I.R.E.</i> , Sept. 1952, pp. 1098-1101, Vol. 40.		
	C50	Irven, J. H., Nilson, M. E., Judd, T. H., Patterson, J. F. and Shibata, Y., "Multi-Media Information Services: A Laboratory Study," <i>IEEE Communications Magazine</i> , June 1988, pp. 27-44, Vol. 26, No. 6.		
	C51	Jennings, A. and Higuchi, H., "A Personal News Service Based on a User Model Neural Network," <i>IEICE Transactions on Information and Systems</i> , March 1992, pp. 198-209, Vol. E75-D, No. 2.		
	C52	Jennings, A., "Customer Adaptive Communication Services," <i>IEEE Region 10 Conference, Teacon 92</i> , Nov. 11-13, 1992, pp. 886-890.		
	C53	Karlgrén, J., "Newsgroup Clustering Based On User Behavior — A Recommendation Algebra," March 1994, pp. 1-15.		



<b>FORM PTO-1449/A and B (modified PTO/SB/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	9	of	14				

C54	Kass, R., "Building A User Model Implicitly from a Cooperative Advisory Dialog," <i>User Modeling And User-Adapted Interaction I</i> : 203-258, 1991.		
C55	King D. and Jones, K., "Competitive Intelligence, Software Robots and the Internet: The NewsAlert Prototype," <i>Proceedings of the 28<sup>th</sup> Hawaii International Conference on System Sciences (HICSS '95)</i> , pp. 624-631.		
C56	Kishino, F., Tokikuni, K., Kondo, F. and Takemoto, K., "Overview of Broadband Telecommunications Services – Trial Experiences in Japan - ," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1990-1994.		
C57	Kitami, K., Izumi, T. and Itoh, H., "A Network Control Architecture Flexible to Service Additions or Enhancements," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1541-1545.		
C58	Kok, A. J. and Botman, A M., "Retrieval Based On User Behaviour," <i>Department of Mathematics &amp; Computer Science, Vrije Universiteit, The Netherlands</i> , 1988, pp. 343-357.		
C59	Kurihara, S., Ichikawa, T., Konishi, T. and Hada, T., "Control Methods for Facsimile Store and Forward Communication Services," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1556-1560.		
C60	Lambert, P., "Personalized Mass Media Corp. Seeks Patent Partners," <i>Cable Technologies</i> , November 30, 1993, p. 32.		
C61	Langdon, Jr., G. G., "A Note on the Ziv-Lempel Model for Compressing Individual Sequences," <i>IEEE Trans. On Information Theory</i> , March 1983, pp. 284-287, Vol. IT-29, No. 2.		
C62	Lashkari, Y., Metral, M. and Maes, P., "Collaborative Interface Agents," <i>Proceedings of the Twelfth National Conference on Artificial Intelligence</i> , July 31 — August 4, 1994, pp. 444-449, Volume One, AAAI Press/The MIT Press.		
C63	Lie, H. W., "The Electronic Broadsheet—All the News that Fits the Display," <i>M.S. Thesis, Massachusetts Institute Of Technology</i> , June 1991, pp. 1-96.		
C64	Lippman, A. and Bender, W., "News and Movies in the 50 Megabit Living Room," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 1976-1981.		
C65	Little, T. D. C., Ahanger, G., Folz, R. J., Gibbon, J. F., Reeve, F. W. Schelleng, D. H. and Venkatesh, D., "A Digital On-Demand Video Service Supporting Content-Based Queries," Boston University, pp. 1-10.		
C66	Loeb, S., "Architecting Personalized Delivery of Multimedia Information," <i>Communications of the ACM</i> , December 1992, pp. 39-50, Vol. 35, No.12.		
C67	Loeb, S., Hill, R. and Brinck, T., "Lessons from <i>LyricTime</i> <sup>TM</sup> : A Prototype Multimedia System," "Extended Abstract," <i>Bell Communications Research</i> , Morristown, N. J., p. 106-113.		
C68	Luhn, H. P., "A Business Intelligence System," <i>IBM Journal</i> , Oct. 1958, pp. 314-319.		
C69	Lutz, K. A., "Broadband ISDN, A Hybrid Network with Continous and Packetized Information," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 2015-2019		
C70	Maes, P., "Agents that Reduce Work and Information Overload," <i>Communications of the ACM</i> , July 1994, pp. 31-40 and 146, Vol. 37, No. 7.		
C71	Maes, P. and Kozierok, R., "Learning Interface Agents," <i>Proceedings of the Eleventh National Conference on Artificial Intelligence</i> , 1993, pp. 459-465, AAAI Press/The MIT Press.		
C72	Malone, T. W., Grant, K. R., Turbak, F. A., Brobst, S. A. and Cohen, M. D., "Intelligent Information-Sharing Systems," <i>Communications of the ACM</i> , May 1987, pp. 390-402, Vol. 30, No. 5.		
C73	Maltz, D. A., "Distributing Information for Collaborative Filtering On Usenet Net News," <i>M.S Thesis, Massachusetts Institute of Technology</i> , May 1994, pp. 1-78.		
C74	Marcus, M. P., Marcinkiewicz, M. A. and Santorini, B., "Building a Large Annotated Corpus of English: The Penn Treebank," <i>Computational Linguistics</i> , 1993, pp. 313-330, Vol. 19, No. 2.		

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 09/024,278

ATTY. DOCKET NO.: P0813.70013US01

FILING DATE: February 17, 1998

CONFIRMATION NO.: 8139

APPLICANT: Frederick S. M. Herz et al.

GROUP ART UNIT: 2424

EXAMINER: Son P. Huynk

Sheet 10 of 14

	C75	Matsumoto et al., "Active Dissemination of Information by Autonomous Information Resources," Technical Report of IBICB, DE 96-8 (1996-05), The Institute of Electronics, Information and Communication Engineers	Abstract only
*	C76	Matsumoto, H. and Uemura, T., "Proposal of Active-Type Information Providing System by the Internet," <i>Technical Report of the Institute of Electronics Information and Communication Engineers, IEICE</i> , Japan, The Institute of Electronics Information and Communication Engineers, May 22, 1996, pp. 43-48, Vol. 96, No. 54.	
	C77	Miller, G., Baber, G. and Gilliland, M., "News On-Demand for Multimedia Networks," <i>ACM Press</i> , 1993, pp. 383-392.	
	C78	Miller, V.S. and Wegman M. N., "Variations on a Theme by Ziv and Lempel," in <i>Combinatorial Algorithms on Words</i> , NATO ASI Series, Apostolico, A. and Galil, Z., eds., 1985, pp. 131-140, Vol. F12.	
	C79	Morita, M. and Shinoda, Y., "Information Filtering Based on User Behavior Analysis and Best Match Text Retrieval," <i>SIGIR '94</i> , Dublin, July 3-6, No. Conf. 17, July 3, 1994, pp. 271-281.	
	C80	Morita, M., "Analysis of Activities Relating to Information and Research on Applicability to Information Filtering," <i>Master's Thesis, Japan Advanced Institute of Science and Technology</i> , Feb. 1994, 82 pages.	
	C81	Moss, L., "Adcom Starts Cable-Meter Rollout in California," <i>Multichannel News</i> , April 25, 1994, p. 34.	
	C82	Orwant, J., "Doppelganger Goes To School: Machine Learning For User Modeling," <i>Master's Thesis, Massachusetts Institute of Technology</i> , Sept. 1993, pp. 1-89.	
	C83	Orwant, J. L., "Doppelgänger: A User Modeling System," <i>B. S. Thesis, Massachusetts Institute of Technology</i> , May 20, 1991, pp.1-65.	
	C84	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CIVIL DOCKET FOR CASE# 1:03-CV-04954, pp. 1-34.	
	C85	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CIVIL DOCKET FOR CASE# 1:05-CV-01330, pp. 1-12.	
	C86	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 113; Defendants' Memorandum of Law In Support of Their Motion for Claim Construction.	
	C87	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 114; Declaration Of Paul D. Resnick Ph.D., In Support Of Defendants' Motion for Claim Construction.	
	C88	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 115; Declaration of Todd C. Jacobs in Support of Defendants' Motion for Claim Construction.	
	C89	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 126; Declaration of Russell Dicker in Support of Defendants' Motion for Summary Judgment.	
	C90	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 127; Declaration Of Dr. Paul Resnick, Ph.D., In Support Of Defendants' Motion For Summary Judgment.	
	C91	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No.128; Declaration of Walter Bender In Support of Defendants' Motion for Summary Judgment of Non-Infringement and Invalidity of the Patents-in-Suit.	
	C92	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 129; Declaration of Todd C. Jacobs in Support of Defendants' Motion for Summary Judgment on Non-Infringement and Invalidity of the Patents-in-Suit.	

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	11	of	14				

	C93	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 132; MINUTE ORDER of 7-15-04 by Hon. Suzanne B. Conlon : Defendants' motion for leave to file documents under seal is granted on good cause shown.		
	C94	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 135; PINPOINT'S Memorandum of Law on Claim Construction.		
	C95	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 136; Declaration of Michael Pazzani, PH.D., in Support of PINPOINT'S Memorandum of Law on Claim Construction.		
	C96	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 137; APPENDIX in support of Pinpoint's Memorandum of Law on Claim Construction, Vols. 1-5.		
	C97	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 147; Declaration of Buddy Stein in support of Plaintiff's Opposition to Defendants' Motion for Summary Judgment of Non-Infringement and Invalidity.		
	C98	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No.148; Declaration of Frederick S.M. Herz in Support of Plaintiff's Opposition to Defendants' Motion for Summary Judgment of Non-infringement and Invalidity.		
	C99	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 152; MINUTE ORDER of 8-11-04 by Hon. Suzanne B. Conlon: Plaintiff's motion for leave to file under seal is granted.		
	C100	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 166; Declaration of Todd C. Jacobs in Support of Defendants' Reply to PinPoint's Opposition to Defendants' Motion for Summary Judgment on Non-Infringement and Invalidity of the Patents-in-Suit.		
	C101	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 167; Declaration of Shoshana Loeb, PH.D.		
	C102	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 216; Notice Of Pinpoint's Rule 37(c)(1) Motion To Exclude Evidence Relating To Defendants' Contention That "Videos@Bellcore" Invalidates Pinpoint's Asserted Claims.		
	C103	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Docket Item No. 224; Pinpoint's Reply Memorandum Of Points And Authorities In Support Of Its Rule 37©(1) Motion To Exclude Evidence Relating To Defendants' Contention That "Videos@Bellcore" Invalidates Pinpoint's Asserted Claims.		
	C104	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:03-CV-04954; Expert report of Paul D. Resnick, Ph.D.		
*	C105	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 40; DECLARATION of Michael Pazzani Ph.D. in support of Pinpoint's July 2004 memorandum of law on claim construction		
*	C106	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 41; FILING OF JULY 2004 by Pinpoint Incorporated's memorandum of law on claim construction.		
*	C107	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 42; APPENDIX by Pinpoint Incorporated in support of Pinpoint's July 2004 memorandum of law on claim construction.		

<b>FORM PTO-1449/A and B (modified PTO/SB/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	12	of	14				

*	C108	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 43; SUPPLEMENTAL APPENDIX by Pinpoint Incorporated to in support of Pinpoint's August 2004 sur-reply on claim construction.		
	C109	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 55; Claim Charts Showing the Parties' Proposed Constructions.		
	C110	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 57; Pinpoint's Filing of August 2004 SUR-REPLY on claim construction; Notice.		
	C111	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 72; DECLARATION of Michael J. Pazzani Ph.D. in support of Pinpoint's supplemental memorandum of law on claim construction		
*	C112	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 73; APPENDIX by plaintiff in support of Pinpoint's supplemental memorandum of law on claim construction		
	C113	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 74; Defendants' Memorandum of Points and Authorities in Support of Their Claim Construction of "Scheduling," "Customer Profile," and "Content Profile" Claim Elements.		
	C114	<u>Pinpoint v. Amazon.com</u> ; U.S.D.C. Northern District Illinois; CASE# 1:05-CV-01330; Docket Item No. 77; Opinion signed by Judge Richard A. Posner on 5/17/2005, 12 pages.		
	C115	<u>Pinpoint v. Amazon.com</u> ; Amazon.com's Claim Charts for videos@bellcore.		
	C116	Port, O., "Wonder Chips – How They'll Make Computing Power Ultrafast and Ultracheap," <i>Business Week</i> , July 4, 1994, pp. 86-92.		
	C117	Raggett, D., "HTML + (Hypertext Markup Language)," Hewlett Packard Request For Comments, 12 July 1993, pp. 1-31.		
	C118	Ramanathan, S. and Rangan, P. V., "Architectures for Personalized Multimedia," <i>IEEE MultiMedia</i> , Spring 1994, pp. 37-46.		
	C119	Resnick, P., Iacovou, N., Suchak, M., Bergstrom, P. and Riedl, J., "GroupLens: An Open Architecture for Collaborative Filtering of Netnews," <i>CSCW 94 Submission</i> , pp. 1-12.		
	C120	Rich, E. A., "Building and Exploiting User Models," <i>Ph.D. Thesis, Carnegie-Mellon University</i> , 1979, pp. 1-193.		
	C121	Rivest, R. L.; Shamir, A. and Adleman, L.; "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems," <i>Communications of the ACM</i> , February 1978, pp. 120-126, Vol. 21, No. 2.		
	C122	Robinson, M., "Through a Lens Smartly," <i>BYTE</i> ; May 1991, pp.177-187.		
	C123	Rodeh, M., Pratt, V. R. and Even, S., "Linear Algorithm for Data Compression via String Matching," <i>J. of the Assoc. for Computing Machinery</i> , January 1981, pp. 16-24, Vol. 28, No. 1.		
	C124	Rose, D. E.; Mander, R.; Oren, T.; Ponceleón, D. B.; Salomon, G. and Wong, Y.Y.; "Content Awareness in a File System Interface: Implementing the 'Pile' Metaphor for Organizing Information," <i>16 Ann. Int'l SIGIR '93 -6/03</i> , Pittsburgh, Pa., pp. 260-269.		
	C125	Salton, G., "Developments in Automatic Text Retrieval," <i>Science</i> , August 30, 1991, pp. 974-980, Vol. 253.		
	C126	Salton, G. and McGill, M. J., "The SMART and SIRE Experimental Retrieval Systems," <i>Introduction to Modern Information Retrieval</i> , McGraw-Hill Book Company, 1983, pp. 118-156.		
	C127	Scheifler, R. W. and Gettys, J., "The X Window System," <i>ACM Transactions on Graphics</i> , April 1986, pp. 79-109, Vol. 5, No. 2.		
	C128	Schneier, <i>Applied Cryptography</i> , October 1993, pp. 177-178; John Wiley & Sons, Inc.		
	C129	Schneier, <i>Applied Cryptography</i> ; Second Edition, October 1995, pp. 32-34; John Wiley & Sons, Inc.		

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	13	of	14				

	C130	Seno, H., Kai, K. and Isobe, T., "Multimedia Information Broadcasting Service "PRESENT"", <i>IEEE 1994 Vehicle Navigation &amp; Information Systems Conference Proceedings</i> , pp. 117-120.		
	C131	Shardanand, U., "Social Information Filtering for Music Recommendation," <i>B.S., M.E. Thesis, Massachusetts Institute of Technology</i> , Sept. 1994, pp. 1-93.		
	C132	Sheth, B. and Maes, P., "Evolving Agents for Personalized Information Filtering," <i>Proc. 9th IEEE Conference</i> , 1993, pp. 345-352.		
	C133	Sheth, B. D., "A Learning Approach to Personalized Information Filtering," <i>M.S. Thesis Massachusetts Institute of Technology</i> , Feb. 1994, pp. 1-75.		
	C134	Shneiderman, B., "Designing the User Interface: Strategies for Effective Human - Computer Interaction," <i>Addison-Wesley Publishing Company</i> , 1992, pp. 207-213.		
	C135	Sincoskie, W. D. and Cotton, C. J., "Extended Bridge Algorithms for Large Networks," <i>IEEE Network</i> , January 1988, pp. 16-24, Vol. 2, No. 1.		
	C136	Stein, R. M., "Browsing Through Terabytes," <i>BYTE</i> , May 1991, pp. 157-164.		
	C137	St. Pierre, M., "Wide Area Information Servers (WAIS) over Z39.50-1988 and Beyond," <a href="http://ftp.se.kde.org/pub-z39.50-wais-protocol-ConneXions-02-94.txt">http://ftp.se.kde.org/pub-z39.50-wais-protocol-ConneXions-02-94.txt</a> , Feb. 1994, pp. 1-6.		
	C138	Stevens, C., "Knowledge-Based Assistance for Accessing Large, Poorly Structured Information Spaces," <i>Ph.D. Thesis, University of Colorado</i> , 1993, pp. 1-115.		
	C139	Storer, J. A. and Szymanski, T. G., "Data Compression via Textual Substitution", <i>J. of the Assoc. for Computing Machinery</i> , October 1982, pp. 928-951, Vol. 19, No. 4.		
	C140	Story, G. A., O'Gorman, L., Fox, D., Schaper, L. L. and Jagadish, H. V., "The RightPages Image-Based Electronic Library for Alerting and Browsing," <i>Computer</i> , Sept. 1992, pp. 17-26.		
	C141	Suchak, M. A., "Goodnews: A Collaborative Filter For Network News," <i>B.S., M.S. Thesis, Massachusetts Institute of Technology</i> , Feb. 1994, pp. 1-64.		
	C142	Terry, D. B., "A Tour Through Tapestry," <i>COOCS '93</i> , Nov. 1993, pp. 21-30.		
	C143	Thomas, W. L. "Electronic Program Guide Applications - The Basics of System Design," <i>1994 NCTA Technical Papers</i> , pp. 15-20.		
	C144	Thompson, J., "A Graphic Representation of Interaction with the Nexis News Database," <i>B.S. Thesis, Massachusetts Institute of Technology</i> , May 1983, pp. 1-44.		
	C145	Troy, T. N., "Servicing With Software; The Current Trend In Hotel Property-Management Systems Gets Back To The Basics: Improving Guest Service; Includes Property Management Systems Terminology," <i>Information Access Company</i> , Sept. 20, 1993, p. 16, Vol. 208, No. 16.		
	C146	Voorhees, E. M., "Software Agents for Information Retrieval," <i>Siemens Corporate Research, Inc., Princeton, N.J.</i> , 1993, 4 pages.		
	C147	Waechter, D. B., "Considerations for the Use of Adjunct Technology in the Telecommunications Network," <i>IEEE/IEICE Global Telecommunications Conference</i> , Nov. 15-18, 1987, Tokyo, Japan, pp. 1551-1555.		
	C148	Welch, T.A., "A Technique for High-Performance Data Compression," <i>Computer</i> , June 1984, pp. 8-19.		
	C149	Wieffering, E. J., "'I Can't Afford To Fail': Ted Deikel Has A Net Worth of \$100 Million, But He'll Never Forget Growing Up Poor In North Minneapolis," <i>UMI Inc.</i> , Vol. 25, No. 1, Sec. 1, Jan. 1994, p. 52.		
	C150	Willett, P., "Recent Trends in Hierarchic Document Clustering: A Critical Review," <i>Information Processing &amp; Management</i> , 1988, pp. 557-597, Vol. 24, No. 5.		
	C151	Wittig, H. and Griwodz, C., "Intelligent Media Agents in Interactive Television Systems," <i>IEEE</i> , 1995, p. 182.		

FORM PTO-1449/A and B (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/024,278		ATTY. DOCKET NO.: P0813.70013US01	
				FILING DATE: February 17, 1998		CONFIRMATION NO.: 8139	
				APPLICANT: Frederick S. M. Herz et al.			
				GROUP ART UNIT: 2424		EXAMINER: Son P. Huynk	
Sheet	14	of	14				

	C152	World Wide Web Consortium (W3C), "Basic HTTP as defined in 1992," Internet Draft, <a href="http://www.w3.org/Protocols/HTTP/HTTP2.html">http://www.w3.org/Protocols/HTTP/HTTP2.html</a> .		
	C153	Yamaguchi, T., Ohtsuka, T., Taniguchi, A. and Fujimoto, N., "Digital Optical CATV System Using Hubbed Distribution Architecture," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 2005-2009.		
	C154	Yamanaka, N. and Kikuchi, S., "High-Speed Time-Division Switch for Broadband ISDN," <i>IEEE/IEICE Global Telecommunications Conference, Nov. 15-18, 1987, Tokyo, Japan</i> , pp. 2010-2014.		
	C155	Yan, T. W. and Garcia-Molina, H., "SIFT - A Tool for Wide-Area Information Dissemination," <i>Proceedings of the 1995 USENIX Technical Conference, New Orleans, LA, January 16-20, 1995</i> , pp. 177-186.		
	C156	Yan, T. W. and Garcia-Molina, H., "Index Structures for Selective Dissemination of Information," <i>Department of Computer Science, Stanford University, Stanford, California, December 14, 1992</i> , pp. 1-48.		
	C157	Yan, T. W., "Netnews Filtering Service," <a href="mailto:netnews@db.stanford.edu">netnews@db.stanford.edu</a> Google search, 12 May 1981.		
	C158	Zipf, G. K., "Human Behavior and the Principle of Least Effort," 1949, 1 page, abstract-summary ONLY		
	C159	Ziv, J. and Lempel, A., "A Universal Algorithm for Sequential Data Compression", <i>IEEE Trans. on Information Theory</i> , May 1977, pp. 337-343, Vol. IT-23, No. 3.		
	C160	Ziv, J. and Lempel, A., "Compression of Individual Sequences via Variable-rate Coding", <i>IEEE Trans. on Information Theory</i> , September 1978, pp. 530-536, Vol. IT-24, No. 5.		
		DATE CONSIDERED		

# EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]

**\*A copy of this reference is not provided because Applicants are unable to locate a copy at this time.**